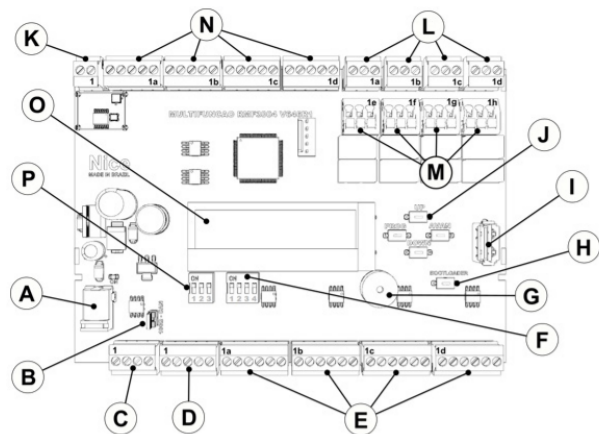


03 - CIRCUIT BOARD IDENTIFICATION



A - POWER SUPPLY (J4 JACK CONNECTOR)

12 VDC @ 2 Amp electric power input. Positive central pin.

B - END-OF-LINE CAN

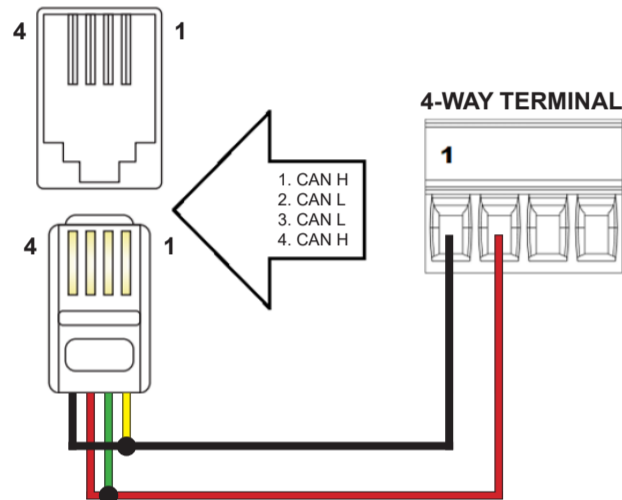
100 R resistor for CAN network termination.

C - CAN CONNECTION (4-WAY TERMINAL)

PIN	FUNCTION
1	Can H
2	Can L
3	Can H
4	Can L

NOTE: In case the installation is done using Linear-HCS line equipment, follow the wiring suggestion below:

RJ11 CONNECTOR



D - SERIAL RS-232 (5-WAY TERMINAL)

2 Channels for LED Displays and 2 Channels for barcode readers.

PIN	FUNCTION
1	GND
2	RS-232 TX 1
3	RS-232 RX 1
4	RS-232 TX 2
5	RS-232 RX 2

E - READER INPUTS (6-WAY TERMINALS)

4 independent channels (a, b, c, d) for Wiegand input and RS-485 communication.

PIN	FUNCTION
1	GND
2	Wiegand D0
3	Wiegand D1
4	LED/BUZZER
5	RS-485 A
6	RS-485 B

F - OPERATION MODE SELECTION (4-WAY DIP SWITCH)

DIP 1	DIP 2	DIP 3	DIP 4	FUNCTION
X	X	X	OFF	125 kbps CAN Baudrate
X	X	X	ON	20 kbps CAN Baudrate
OFF	OFF	OFF	X	TX REC Mode
ON	OFF	OFF	X	CTWB REC Mode
OFF	ON	OFF	X	PASSIVE TAG Mode
ON	ON	OFF	X	TX+TP REC Mode
OFF	OFF	ON	X	TX+CTWB REC Mode
ON	OFF	ON	X	ACTIVE TAG Mode
OFF	ON	ON	X	*Reserved*
ON	ON	ON	X	IO Module

G - BUZZER

Acoustic warning buzzer.

H - BOOTLOADER KEY

Key for starting the bootloader function.

I - USB HOST PORT

USB-A input for update the equipment firmware, for possible corrections and operational improvements.

J - PROGRAMMING KEYS

'UP' (increase), 'DOWN' (decrease), 'AVAN' (advance), and 'PROG' (programming) keys.

K - ANTENNA CONNECTOR (2-WAY TERMINAL)

To improve the signal gain, make an antenna using an RG59 coaxial cable. For more information, see the complete equipment manual.

PIN	FUNCTION
1	Antenna (Copper)
2	GND (Mesh)

L - RELAY OUTPUTS (3-WAY TERMINALS)

4 relay outputs (a, b, c, d) corresponding to 4 reader inputs (a, b, c, d). Contacts operate at 2 Amp @ 120 VAC or 2 Amp @ 24 VDC.

PIN	FUNCTION
1	Common
2	NO
3	NC

M - AUXILIARY RELAY OUTPUTS (3-WAY PRESSURE TERMINALS)

4 relay outputs (e, f, g, h) for auxiliary functions. Contacts operate at 2 Amp @ 120 VAC or 2 Amp @ 24 VDC.

PIN	FUNCTION
1	Common
2	NO
3	NC

N - DIGITAL INPUTS (5-WAY TERMINALS)

4 sets of Digital Inputs (a, b, c, d) corresponding to 4 reader inputs (a, b, c, d). All inputs are diode protected.

PIN	FUNCTION
1	GND
2	E1 - Release Button
3	E2 - Entry Sensor
4	E3 - Door Sensor
5	E4 - Channel Inhibition

O - LCD DISPLAY

Display for visualization of settings and temporary messages.

P - CAN - ADDRESS SELECTION (3-WAY DIP SWITCH)

CAN ADDRESS	DIP 1	DIP 2	DIP 3
1	OFF	OFF	OFF
2	ON	OFF	OFF
3	OFF	ON	OFF
4	ON	ON	OFF
5	OFF	OFF	ON
6	ON	OFF	ON
7	OFF	ON	ON
8	ON	ON	ON

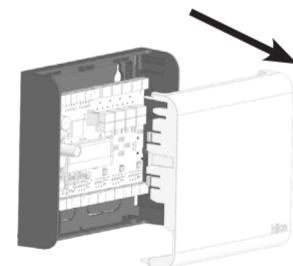
04 - RECEIVER SETTING AND ADJUSTMENT

- Press and release the 'PROG' key existing on the Receiver. The message 'Programming' will be displayed.
- If the internal keys are used, press the 'AVAN' key to browse the menu.
- If the remote control is used, simultaneously press the B1+B2 buttons.
- Upon pressing 'AVAN' (B1), the operation mode set will be displayed, for instance, TX and its programming functions.
- According to the desired option, to redefine the mode, set the F component (4-way DIP switch).
- Press 'UP' (B2) or 'DOWN' (B3) until arriving at the intended programming function, then press 'AVAN' (B1) to set it.
- Press 'UP' (B2) to increase and 'DOWN' (B3) to lower the values and change options.
- Upon finishing, press and release the 'PROG' key. Settings will be saved automatically.
- The Receiver will automatically return to the normal operation mode if the 'PROG' key is not actuated for more than 30 seconds.

05 - MOUNTING THE PRODUCT

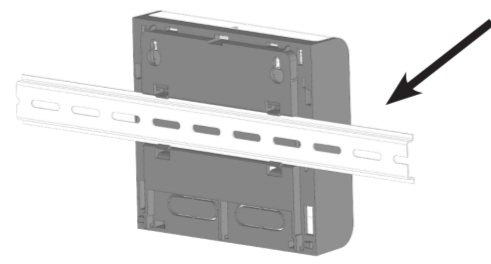
05.1 - OPENING THE BOX

For opening the box, pull the cover towards the direction indicated by the arrow, as shown below:



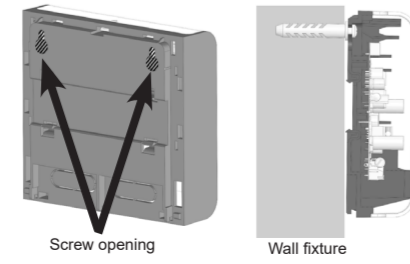
05.2 - ATTACHING TO A 35mm DIN RAIL

To attach it to a DIN rail, press it towards the direction indicated by the arrow, as shown below:



05.3 - ATTACHING TO A WALL

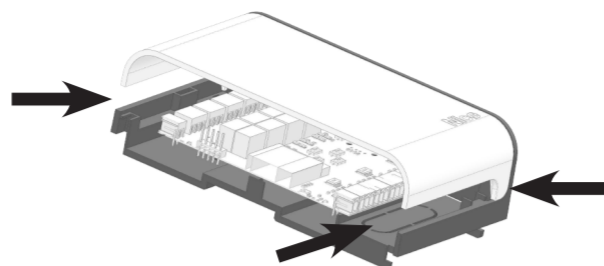
Use the openings indicated by the arrows to attach it to a wall, as shown below:



Use 5mm diameter screws to attach it to a wall.

05.4 - CABLE PASSAGE

Use the openings indicated by the arrows for passing cables, as shown below:



Note: The above picture displays the device cross-section to better show the cable passages on its upper, lower, and inner portion.

06 - WARRANTY TERM

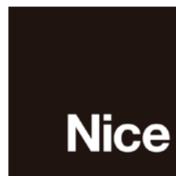
The products in the Access Control segment are guaranteed by all parts, parts and components against eventual manufacturing defects for a period of 3 (three) months (legal guarantee) plus 9 (nine) months of additional warranty, proven by presenting a note purchase of the product by the final consumer. In the event of a possible product problem, it must be sent to an authorized Nice Brasil distributor for this product line, and if a manufacturing defect is found, the repair at Nice Brasil's discretion may include replacing parts or plates with new or equivalent reconditioned. This product and the replaced parts will be guaranteed for the remainder of the original term. The guarantee will lose its validity if any of the following hypotheses occurs:

- The technical specifications of the product and recommendations of the Installation Manual are not observed regarding the conditions of application and suitability of the installation site, such as electrical voltage compatible with the product, usage characteristics, etc.
 - There is damage caused by accessories or equipment coupled to the product that are not part of the Nice Brasil product line.
 - Misuse, poor maintenance or if the product has undergone aesthetic and / or functional changes or modifications, as well as, if repairs have been carried out by persons or entities not accredited by Nice Brasil.
 - When the damage to the product is due to accidents, accidents, agents of nature (lightning, floods, landslides, etc.), humidity, voltage in the electrical network (over voltage caused by accidents or excessive fluctuations in the electrical network), influence of nature chemical or electromagnetic, due to the natural wear and tear of parts, pieces and components;
 - When there are failures in the normal operation of the product due to lack of cleaning and excess waste, poor conservation, as well as due to the action of animals (insects, rodents or domestic animals), or even, due to the existence of objects inside, foreign to its operation and purpose of use
 - Warranty certificate or serial / batch number are erased or show signs of tampering.
 - The product has been tampered with and found non-original parts.
 - When the product purchase invoice is not presented.
 - In the event that the Consumer requests home care, he / she must go to the nearest Authorized Service for consultation of the technical visit fee. If the need to withdraw the product is found, the resulting expenses, transportation, round-trip security of the product, are under the responsibility of the Consumer. If no manufacturing defect is found, and faults arising from improper installation or use are identified, the consumer must bear the costs.
- Shipping and packaging of the product are at the buyer's risk and expense. These being the conditions of this complementary Warranty Term, Nice Brasil reserves the right to change the general, technical and aesthetic characteristics of its products without prior notice.

Buyer Name: _____
 Buyer's Signature: _____
 Invoice No.: _____
 Purchase Date: _____
 Model: _____
 Lot: _____
 Distributor: _____

07 - CUSTOMER SUPPORT

From Monday to Friday from 08:00 to 17:00
 Phone: +55 (11) 97594-3148 (WhatsApp)
 Email: assistenciatecnica@niceforyou.com



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